



tesa[®] 77711 Primerless Line



Product Information

1.1 mm double-sided acrylic foam tape

Product Description

tesa[®] ACX^{plus} 77711 is a double-sided acrylic foam tape for automotive exterior attachment part mounting. It is a unique double-layer asymmetrically designed product, coated on one side with LSE adhesive.

tesa[®] ACX^{plus} 77711 can help you eliminate the primer in your process! Its high-performance LSE adhesive creates an efficient and secure bond to typical automotive attachment parts made of LSE (like PP and PP/EPDM) and MSE (like ABS) plastics without primer. In addition, our product also has excellent adhesive properties when it comes to easy-to-bond OEM clear coats. (LSE: low surface energy; MSE: medium surface energy) Thanks to its viscoelastic acrylic foam core, tesa[®] ACX^{plus} 77711 Primerless Line has the ability to absorb and dissipate dynamic and static loads.

0.8 mm and 1.5 mm thicknesses are available

Product Features

- # High initial performance on LSE plastics
- # Excellent bonding stability at a wider range of temperatures
- # Reaches high peel-adhesion level right after application
- # Superior peel adhesion on PP substrates, even at an application temperature as low as 5°C
- # Viscoelastic acrylic foam core to compensate for different thermal elongation of bonded parts
- # Outstanding wet-out property
- # High humidity and UV resistance

Benefits:

- # Eliminates the primer in the production process
- # Enables a much more efficient and robust application
- # Reduces the total process cost
- # Realizes healthier working conditions

For latest information on this product please visit <http://l.tesa.com/?ip=77711>



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Primerless Line

Product Information

Product Features

Achieves a more environmentally friendly production

Application Fields

Permanent exterior mounting of

Body side moldings and decorative trims

Emblems

Spoilers

Antennas

Pillar appliqués

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

• Backing	Acrylic foam	• Total thickness	1100 µm
• Type of adhesive	LSE	• Color	gray
• Type of liner	PE	• Color of liner	blue

Properties/Performance Values

• Ageing resistance (UV)	good	• Static shear resistance at 90°C	very good
• Humidity resistance	very good	• T-block	very good
• L-jig	good	• Temperature range	-40 to +80°C

Adhesion to Values

• ABS (after 3 days)	28 N/cm	• PP (initial, 1 min)	24 N/cm
• ABS (covered side, after 3 days)	12 N/cm	• Steel (after 3 days)	31 N/cm
• ABS (covered side, initial)	8 N/cm	• Steel (covered side, after 3 days)	26 N/cm
• ABS (initial, after 1 minute)	23 N/cm	• Steel (covered side, initial)	12 N/cm
• PP (after 3 days)	30 N/cm	• Steel (initial, 1 min)	25 N/cm



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Disclaimer

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